

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06K19/07

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols),
IPC 7 G06K G11C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 856 788 A (WALTER RONALD ET AL) 5 January 1999 (1999-01-05) column 2, line 16 -column 3, line 54; figure 2	1-7
Y	WO 02 41650 A (CHECKPOINT SYSTEMS INC ;MICROCHIP TECH INC (US)) 23 May 2002 (2002-05-23) page 7, line 20 -page 8, line 23; figure 1	1-7
Y	US 6 115 319 A (KINOSHITA YOSHITAKA ET AL) 5 September 2000 (2000-09-05) column 1, line 12-17 column 1, line 35-39 column 1, line 57 -column 2, line 5 column 9, line 14 -column 10, line 8; figures 3,9,11	1-7
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

2 September 2003

Date of mailing of the international search report

10/09/2003

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB 03/02103

C.(Continuation) DOCUMENTS CONSIDERED RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 003 777 A (KOWALSKI JACEK) 21 December 1999 (1999-12-21) column 6, line 50 -column 9, line 15; figures 4,5	1,2,4,5, 7

INTERNATIONAL SEARCH REPORT

Inter al Application No

PCT/IB 03/02103

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5856788	A	05-01-1999	EP 0948766 A1	13-10-1999
			JP 2000513841 T	17-10-2000
			WO 9734222 A1	18-09-1997
WO 0241650	A	23-05-2002	WO 0241650 A1	23-05-2002
			AU 1659101 A	27-05-2002
US 6115319	A	05-09-2000	JP 10228773 A	25-08-1998
			TW 456034 B	21-09-2001
US 6003777	A	21-12-1999	FR 2752076 A1	06-02-1998
			AT 193389 T	15-06-2000
			AU 722833 B2	10-08-2000
			AU 3624497 A	25-02-1998
			CN 1227646 A	01-09-1999
			DE 69702137 D1	29-06-2000
			DE 69702137 T2	01-02-2001
			EP 0917684 A1	26-05-1999
			WO 9806057 A1	12-02-1998
			JP 2001504676 T	03-04-2001
			KR 2000029776 A	25-05-2000